Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 23 Feb 2023 until 23:59 on Friday 24 Feb 2023

Forecast Issued on Thursday 23 Feb 2023 at 00:41

Confidence: High for mainly dry and settled conditions. Medium for cloud details.

Headline for Thursday 23 Feb 2023: Dry and bright. Chilly winds over the tops.

Mountain weather hazards on Thursday 23 Feb 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny	Cloudy	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	20%

Forecast for Thursday 23 Feb 2023

Weather: Bright with good sunny spells, perhaps turning hazy at times later in the afternoon. Cloud thickening and lowering during the late evening with patchy summit cloud and occasional rain possible by midnight.

Chance of cloud-free hill tops above 600m: 90% or more, becoming 50% late in the evening.

Low cloud and visibility: No significant cloud for much of the time, becoming occasional or extensive around 600m by midnight. Visibility very good or excellent becoming moderate or poor in any rain and summit cloud towards midnight.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 23 Feb 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	21/28 NE	18/25 NE	11/16 N	8/12 NW	9/15 NW	12/17 W	16/23 SW
300	16/26 NE	7/13 NE	10/14 N	8/12 NW	6/13 NW	8/12 SW	11/17 SW
Valley	13/30 NE	6/17 NE	7/13 N	7/12 NW	6/14 NW	3/9 W	4/12 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-7	-0/-7	2/-3	2/-1	0/-4	-0/-5	0/-6
300	3/-3	2/-1	4/1	5/2	3/0	2/-2	2/-2
Valley	3/-2	3/0	6/3	6/4	3/1	2/0	3/1
Freezing Level*	500m	500m	500m	500m	500m	500m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Note severe chill effect. Frost possible around dawn.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 23 Feb 2023	5.4mm	5.4mm	5.6mm

Forecast for Friday 24 Feb 2023

Weather: Cloudy with occasional rain overnight and during the morning. Turning drier, brighter and colder in the afternoon with a scattering of showers, wintry over peaks.

Maximum wind: Northwest becoming Northeast 20-25mph.

Chance of cloud-free hill tops above 600m: 30% becoming 80% in the afternoon.

Low cloud and visibility: Extensive cloud, base 300 to 600m, lifting and breaking above the tops in the afternoon. Visibility moderate to very poor in showers and cloud, becoming mostly very good in the afternoon.

Temperature: **Valleys:** Plus 5 Celsius rising to 9 Celsius, later Plus 2 Celsius
At 600m: Plus 3 Celsius lowering to Minus 1 Celsius later
Freezing level: Above the summits at first, lowering to around 400m by the end of the day.

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